



# Your everyday LEDspot MR16

## Essential LEDspot MR16

Essential LEDspots MR16 are compatible with most existing fixtures with a GU5.3 socket and are designed as a retrofit replacement for halogen spots. Essential LEDspots MR16 deliver significant energy savings and minimize initial investment.

### Benefits

- Up to 90% energy saving compared with traditional halogen lamps
- Lower maintenance costs
- Low initial investment

### Features

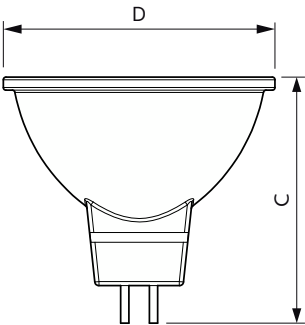
- Easy retrofit
- Lifetime up to 15,000 hours
- Non-dimmable
- UV- and IR-free light

### Application

- Hotels, restaurants, bars, cafés, shops
- Lobbies, corridors, stairwells, washrooms, reception areas

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## Dimensional drawing



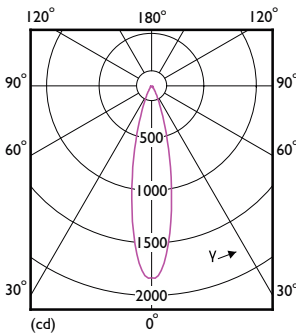
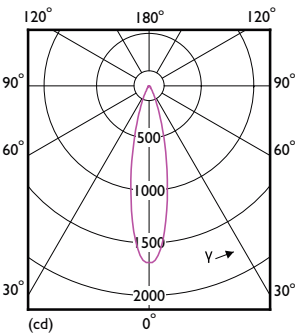
Product	D	C
Essential LED 5-50W 2700K MR16 24D	50 mm	46 mm
Essential LED 5-50W 6500K MR16 24D	50 mm	46 mm

General Information	
Cap-Base	GU5.3
Rated Lifetime (Hours)	15,000 hour(s)
Switching Cycle	50,000
Nominal lifetime	15,000 hour(s)
Light Technical	
Beam Angle (Nom)	24 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Intensity (Nom)	1,700 cd
Operating and Electrical	
Input Frequency	- Hz
Line Frequency	- Hz
Power Consumption	5 W
Starting Time (Nom)	0.5 s
Wattage Equivalent	50 W
Temperature	
T-Case Maximum (Nom)	76 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16
Approval and Application	
Energy Consumption kWh/1000 h	- kWh

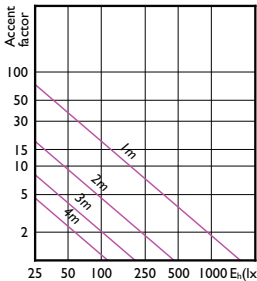
## Light Technical

		Correlated Color		
Order Code	Full Product Name	Temperature (Nom)	Color Code	Luminous Flux
929001240108	Essential LED 5-50W 2700K MR16 24D	2700 K	827	400 lm
929001240208	Essential LED 5-50W 6500K MR16 24D	6500 K	865	435 lm

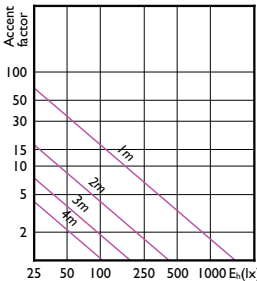
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Accent Diagrams

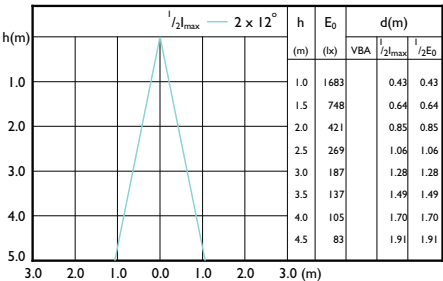


Accent Diagram - Essential LED 5-50W 6500K MR16 24D

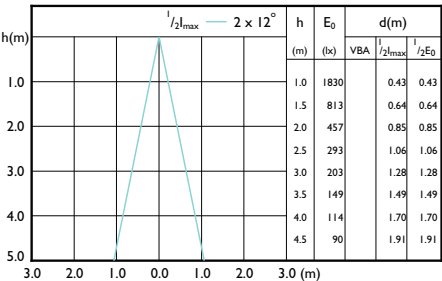


Accent Diagram - Essential LED 5-50W 2700K MR16 24D

Beam Diagrams



Beam diagram - Essential LED 5-50W 2700K MR16 24D



Beam diagram - Essential LED 5-50W 6500K MR16 24D

